Preface

It was our great pleasure to organize and host the Second International Workshop on Biologically Motivated Computer Vision (BMCV 2002), which followed the highly successful BMCV 2000 in Seoul. We welcomed biologists, computer scientists, mathematicians, neuroscientists, physicists, and psychologists to share their views of how the brain solves the ill-posed problems of vision. Nature is the best existence proof that there is a solution of the most fundamental vision problems, and we hope to learn from nature the way to build artificial vision systems which can adapt to different environments and tasks as easily and reliably as we do. We enjoyed a lively discussion of vision topics spanning early vision, mid-level vision, attention, recognition, robotics and cognitive vision systems.

Even though the decision to host the workshop in Tübingen came very late (March 2002), and therefore the deadlines were rather tight, we received a total of 97 papers by the end of June. Each of the papers was thoroughly reviewed by at least two members of the program committee and in addition by the local organizing committee. In this context, we especially want to thank the program committee and additional referees for the time and effort that went into the reviews. In the end, 22 papers were accepted for oral presentation and 37 for poster presentation. The selected papers span the whole range of vision from neuronal models of vision to psychophysical investigations of human recognition performance. Correspondingly, the workshop was divided into seven sessions, proceeding (roughly) from topics concerning low-level early vision to high-level cognitive aspects of vision. In addition to these presentations we are very grateful that six distinguished scientists accepted our invitation to give an introduction to these topics and present their work at BMCV 2002.

BMCV 2002 was organized by the Max Planck Institute for Biological Cybernetics in Tübingen and took place in the main lecture hall building (Kupferbau) of the University of Tübingen. We are grateful to the Max Planck Society for financial support and to the Eberhard Karls Universität for local support and for hosting the conference registration webpage.

On behalf of the organizing and program committees we welcomed attendees to BMCV 2002 in Tübingen. We deliberately arranged for ample time outside the lecture hall to meet colleagues during the posters sessions and coffee breaks. The posters were situated right outside the lecture hall and all posters were on display for the whole conference.

Finally, we hope you found the BMCV 2002 workshop a rewarding and memorable experience, and that you had an enjoyable stay in the beautiful old town of Tübingen and other parts of Germany.

September 2002   Heinrich H. Bülthoff, Christian Wallraven

Organization

BMCV 2002 was organized by the Max Planck Institute for Biological Cybernetics (MPI).

Sponsoring Institutions

Max Planck Institute for Biological Cybernetics, Tübingen, Germany
University of Tübingen, Germany
Computer Koch, Tübingen, Germany

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Additional Referees

P. Bayerl	R. Jüngling	L. Natale
L. Bergen	M. Kagesawa	M. Riesenhuber
O. Bousquet	D. Katsoulas	O. Shahar
D. Cheng	C. Koch	A. Shahrokni
J. Daugman	J. Koenderink	M. Tang
B. Haasdonk	M. Kouh	D. Walther
T. Hansen	V. Kumar	Y. Wei
B. Heisele	M. Levine	J. Weston
W. Hu	G. Li	F. Wichmann
P. Huggins	J. Lou	S. Zucker
S. Ilic	M. Molkaraie	

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